

What is claimed is:

1. An organic EL display comprising:

a substrate,

an organic EL light emitting element formed on the substrate

5 and including a first electrode, an organic EL layer and a second electrode,

a transparent substrate disposed above the organic EL light emitting element,

10 a color conversion filter formed on the transparent substrate and having a color conversion filter layer, said color conversion filter being joined with the organic EL light emitting element,

an outer sealing wall surrounding the organic EL light emitting element and the color conversion filter,

15 an internal filling portion situated between the organic EL light emitting element and the color conversion filter, and

a partition wall disposed between the internal filling portion and the outer sealing wall.

20 2. An organic EL display according to claim 1, wherein said color conversion filter further includes a flattening layer for covering the color conversion filter layer to provide a flat surface facing the organic EL light emitting element, said flattening layer having a display region, said partition wall being formed at a portion of the flattening layer other than the display region of the flattening layer.

25 3. An organic EL display according to claim 1, further comprising a thin film transistor formed on the substrate and connected to

the first electrode for driving the organic EL light emitting element.

4. An organic EL display according to claim 1, wherein said first 5 electrode is formed in a first line pattern and said second electrode is formed in a second line pattern extending perpendicular to the first line pattern.

5. An organic EL display according to claim 1, wherein said 10 internal filling portion has a refractive index of 1.2 to 2.5 and a visible light transmittance of 50% or higher relative to light having a wavelength of 400 to 800 nm.

6. A method for producing an organic EL display, comprising the 15 steps of:

preparing an organic EL light emitting element by forming a first electrode, an organic EL layer and a second electrode on a substrate,

20 preparing a color conversion filter layer by forming a color conversion filter layer on a transparent substrate,

forming a partition wall around a periphery of the color conversion filter layer,

forming an outer sealing wall at an outer side of the partition wall,

25 filling an inside of the partition wall with a filler,

adhering the organic EL light emitting element and the color conversion filter while aligning with each other, and

curing the outer sealing wall.

7. A method for producing an organic EL display according to claim 6, wherein in the step of preparing the color conversion filter, a flattening layer is also formed on the color conversion filter layer, said partition wall being formed outside a display 5 region of the flattening layer.

8. A method for producing an organic EL display according to claim 6, wherein in the step of preparing the organic EL light emitting element, a thin film transistor is formed on the 10 substrate to be connected to the first electrode.

9. A method for producing an organic EL display according to claim 6, wherein in the step of preparing the organic EL light emitting element, said first electrode is formed in a first line 15 pattern and said second electrode is formed in a second line pattern extending perpendicular to the first line pattern.

10. A method for producing an organic EL display according to claim 6, wherein the outer sealing wall is formed of an 20 ultraviolet setting type adhesive.

11. A method for producing an organic EL display according to claim 6, wherein said filler has a refractive index of 1.2 to 2.5 and a visible light transmittance of 50% or higher relative to 25 light having a wavelength of 400 to 800 nm.

12. A method for producing an organic EL display, comprising the steps of:

preparing an organic EL light emitting element by forming a first electrode, an organic EL layer and a second electrode on a substrate,

5 preparing a color conversion filter by forming a color conversion filter layer on a transparent substrate,

forming a partition wall around a periphery of the organic EL light emitting element,

10 forming an outer sealing wall at an outer side of the partition wall,

filling an inside of the partition wall with a filler,

adhering the organic EL light emitting element and the color conversion filter while aligning with each other, and

curing the outer sealing wall.

15 13. A method for producing an organic EL display according to claim 12, wherein in the step of preparing the organic EL light emitting element, a thin film transistor is formed on the substrate to be connected to the first electrode.

20 14. A method for producing an organic EL display according to claim 12, wherein said first electrode is formed in a first line pattern and said second electrode is formed in a second line pattern extending perpendicular to the first line pattern.

25 15. A method for producing an organic EL display according to claim 12, wherein the outer sealing wall is formed of an ultraviolet setting type adhesive.

16. A method for producing an organic EL display according to
30 claim 12, wherein said filler has a refractive index of 1.2 to

2.5 and a visible light transmittance of 50% or higher relative to light having a wavelength of 400 to 800 nm.